

pH 722 Z1-Gel / Z3-Gel pH Probe



Low-maintenance pH probe with electrolyte gel and good measurement performance.



Measuring method	Potentiometric
Measuring range	0~12
Response time	< 1 min
Operating pressure	< 0.5 bar
Sample temperature	2~60 °C
Plug	S7
Dimensions	180 mm × 17 mm

pH 722 Z1-Gel product code 710 050
pH 722 Z3-Gel product code 710 060

- Compact
- Sturdy
- Minimum maintenance

Method

The Z1-Gel with 1 diaphragm is suitable for lightly polluted water. The Z3-Gel has 3 diaphragms and is well-suited for long-term use in heavily polluted water.

The pH-sensitive part of the pH probe is the membrane glass. This glass reacts on hydrogen ions in solution with high selectivity and sensitivity. Depending on the concentration of hydrogen ions the voltage output of the pH probe changes, which is then converted into the pH value by the measuring transducer.

Applications

Drinking water
Process water